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**CENTRAL FAX CENTER****FEB 02 2007****Amendments to the Claims:**

This listing of claims will replace all prior versions, and listings, of claims in the application:

**Listing of Claims:**

Claim 1 (currently amended): A remote control handswitch for a portable X-ray unit, comprising:

a two-step switch formed of a standby button and an execution button;

a handswitch housing having the two-step switch on an upper side of the same~~[[7]]~~; and

a multi-function operation being performed with the portable x-ray unit based on a click operation of the two-step switch.

Claim 2 (original): The handswitch of claim 1, wherein said remote control handswitch further includes a remote controller.

Claim 3 (currently amended): An operation method of a remote control handswitch for a portable X-ray unit, comprising:

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~~a triple click step in which~~ clicking a standby button of a two-step switch ~~is clicked for~~ a short period of time three times in series;

~~a switching step in which~~ switching the current mode ~~is switched to a remote control mode by the triple click steps as a~~ result of the clicking step;

performing a remote control mode ~~operation~~ execution step performed after the switching step ~~mode is switched to the remote control mode;~~

~~a step in which the LED displays the memory numbers~~ sequentially displaying a plurality of memory numbers, each memory number being associated with one of a plurality of preset memories of the preset memory ~~sequentially after the performing step~~ remote control mode is performed;

~~a step in which the LEDs displaying the~~ displaying a kV value and an mAs value associated with each memory number, are ~~blinked after~~ while the memory number is ~~sequentially~~ displayed in the sequentially displaying step, the displayed kV value an mAs value being blinked on the display ~~by the LEDs;~~

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a scroll step in which the ~~LEDs displaying the~~ displayed  
memory numbers ~~number of the preset memory~~ and the associated  
kV values~~value~~ and mAs values~~value~~ are continuously scrolled;

~~a step in which clicking the standby button is clicked once,~~  
for a short period of time, ~~one time at the time when the LED~~  
~~of a~~ when the desired memory number is displayed~~turned on~~ in  
the scroll step; and

~~a step in which displaying the kV value and mAs value stored~~  
in the memory number selected in the clicking step ~~are~~  
~~displayed after the step in which the standby button is~~  
~~clicked for a short period of time one time.~~

Claim 4 (currently amended): An operation method of a remote  
control handswitch for a portable X-ray apparatus, comprising:

~~a triple click step in which clicking a standby button of a~~  
two-step switch ~~is clicked for a short period of time three~~  
times in series;

~~a switching step in which switching the current mode is~~  
~~switched to a remote control mode after the triple click~~  
steps as a result of the clicking step;

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performing a remote control mode operation~~execution step~~  
performed after the switching step~~mode is switched to the~~  
~~remote control mode;~~

~~a step in which the~~ sequentially displaying a plurality of  
memory numbers, each memory number being associated with one  
of a plurality of preset memories, of the preset memory are  
~~sequentially displayed by the LEDs after the remote control~~  
~~mode is performed~~performing step;

~~a step in which the LEDs displaying the~~ a kV value and an mAs  
value associated with each memory number, as each memory  
number is sequentially displayed~~are blinked after the~~  
~~associated memory number is displayed by the LEDs;~~

~~a one time execution step in which~~ clicking the standby  
button once, is clicked ~~for a short period of time, during the~~  
~~step in which the LED displaying the kV value and mAs value~~  
are displayed~~is blinked;~~

executing a kV selection mode in response to the step in which  
the standby button is clicked once;~~execution step being~~  
~~performed after the one time execution step;~~

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~~a step in which increasing the displayed kV value is increased~~  
~~by one step when the in response to the standby button is~~  
~~being pressed one time once, after executing the kV selection~~  
~~mode; execution step;~~

~~a step in which, rapidly increasing or decreasing the~~  
~~displayed kV value, when the standby button is continuously~~  
~~pressed, the kV value being rapidly increased or decreased on~~  
~~the LED display;~~

~~a step in which, in the rapidly increasing or decreasing step,~~  
~~selecting the displayed kV value when the standby button is~~  
~~released from the pressed state, a corresponding kV value~~  
~~displayed on the LED is selected in the step in which the~~  
~~standby button is continuously pressed; and~~

~~a step in which the for both the increasing step and the~~  
~~rapidly increasing or decreasing step, automatically storing~~  
~~the displayed kV value is automatically stored for a certain~~  
~~time period after the standby button is released in either the~~  
~~step in which the mA value is increased by one step or the~~  
~~step in which the button is pressed for a long time~~  
~~continuously.~~

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Claim 5 (currently amended): The method of claim 4, wherein ~~said the step~~ in which the ~~LEDs displaying the~~ kV value and ~~mAs value are~~ are sequentially blinked after the associated memory number is displayed, further includes the steps of:

~~a one time execution step in which the standby button is pressed once, for a short period of time, in the step in which the display of the mAs value is blinked;~~

executing an mAs selection mode in response to the step in which the standby button is clicked once;~~execution step being performed after the one time execution step;~~

~~a step in which~~ increasing the displayed mAs value is ~~increased by one step whenever the standby button is pressed once, one time after~~ executing the mAs selection mode ~~execution step;~~

~~a step in which the LEDs displaying the~~ rapidly increasing or decreasing the displayed mAs value ~~display the fast increasing values or the fast decreasing values when the standby button is~~ continuously pressed for a long time~~continuously;~~

in the rapidly increasing or decreasing step, selecting a step ~~in which a corresponding mAs value is selected by releasing~~

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the standby button from the pressed state when ~~the LEDs~~  
display a desired mAs value is displayed in the step in which  
~~the button is pressed for a long time continuously; and~~

~~a step in which the~~ for both the increasing step and the  
rapidly increasing or decreasing step, automatically storing  
the displayed mAs value is automatically stored a certain time  
period after the standby button is released ~~in either the step~~  
~~in which the mAs value is increased by one step or the step in~~  
~~which the button is pressed for a long time continuously.~~

Claim 6 (previously presented): The method of claim 4,  
wherein a certain time period in which the kV value and mAs  
value are automatically stored is a time period within 5  
seconds.

Claim 7 (currently amended): An operation method of a remote  
control handswitch for a portable X-ray unit, comprising the  
steps of:

~~a step in which pressing the~~ a standby button of ~~the~~ a two-step  
switch in communication with the handswitch, is pressed for a  
short period of time, twice ~~two times~~ within 0.8 seconds to  
turn on a collimator of the portable x-ray unit;

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~~a step in which the collimator is turned on;~~

~~a step in which automatically turning the collimator is  
automatically turned off by using a lamp timer after the  
collimator is turned on;~~

~~a step in which an operating the portable X-ray unit execution  
is performed after the collimator is turned on, and prior to  
the collimator being automatically turned off; and~~

~~a step in which the collimator is automatically turned off  
after the X-ray unit execution is performed; and~~

~~a step in which automatically turning the the collimator on  
and off, after the collimator is automatically turned off  
using the lamp timer. ~~is automatically turned on and turned off~~  
~~after the collimator automatic turn-off step.~~~~

Claim 8 (currently amended): The method of claim 7, wherein  
said pressing step ~~in which the standby button of the two step~~  
~~switch is pressed for a second two times within 0.8 seconds~~  
includes the steps of:

~~a step in which a lighting of turning on a laser pointer is  
turned on;~~



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~~a step in which automatically turning off the laser pointer is~~  
~~automatically turned off by using a lamp timer after the laser~~  
~~pointer is turned on;~~

~~a step in which an~~operating the portable X-ray unit execution  
~~is performed after the lighting of while the laser pointer is~~  
~~turned on, and prior to the laser pointer being automatically~~  
~~turned off; and~~

~~a step in which the laser pointer is automatically turned off~~  
~~after the X-ray unit execution is performed; and~~

~~a step in which the laser pointer is automatically turned~~  
turning the laser pointer on and off after the laser pointer  
is automatically turned off using the lamp timer.

Claim 9 (currently amended): The method of claim 7, further  
comprising the steps of:

~~a step in which when the collimator is turned on, pressing the~~  
~~standby button of the two-step switch is pressed when the~~  
~~collimator is turned onto heat a filament and perform an x-ray~~  
operation;

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~~a step in which the filament is heated;~~

while the collimator is turned off, heating a step in which  
the filament is heated in 0.8 seconds for a predetermined  
period of time when the standby button is pressed ~~in a state~~  
~~that the collimator is turned off~~ and operating the portable  
X-ray unit after the predetermined period of time; and

~~a step in which the X ray unit execution is performed in a~~  
~~state that the X ray unit become a ready state after the~~  
~~filament is heated;~~

~~a step in which the X ray unit execution is performed after~~  
~~the operation standby of the X ray unit is performed;~~

~~a step in which the collimator is automatically turned turning~~  
the collimator off after operating the portable X-ray unit.  
~~execution is performed; and~~

~~a step in which the operation standby of the X ray unit is~~  
~~finished after the automatic turn-off step.~~

Claim 10 (previously presented): The method of claim 7,  
wherein a short time press represents a button press for a  
short time period in the two-step switch, and a long time

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press represents a state that the button is pressed until the current mode is switched to a selection mode, wherein said short time press is performed within 0.8 seconds when pressing the standby button two times.

Claim 11 (previously presented): The method of claim 8, wherein a short time press represents a button press for a short time period in the two-step switch, and a long time press represents a state that the button is pressed until the current mode is switched to a selection mode, wherein said short time press is performed within 0.8 seconds when pressing the standby button two times.

Claim 12 (previously presented): The method of claim 9, wherein a short time press represents a button press for a short time period in the two-step switch, and a long time press represents a state that the button is pressed until the current mode is switched to a selection mode, wherein said short time press is performed within 0.8 seconds when pressing the standby button two times.